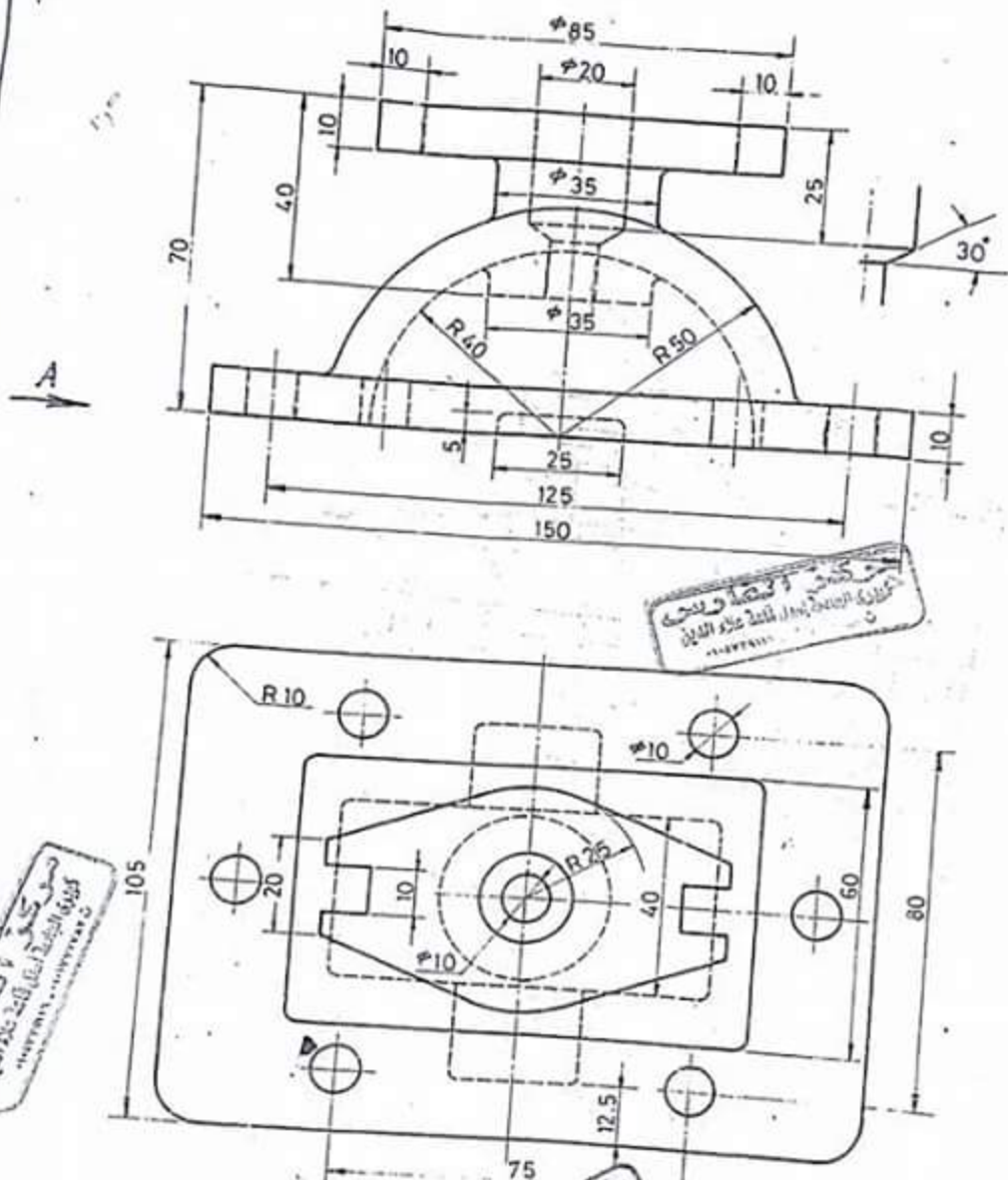


3. For the machine part shown, draw to scale 1:1 the followings:
- Sectional Front Elevation.
  - Complete Plan.
  - Side View in direction A .



مركز كفاءات  
جامعة القاهرة  
الكلية الهندسية  
الهندسة المدنية  
الاسم: .....  
الرقم: .....

مركز كفاءات  
جامعة القاهرة  
الكلية الهندسية  
الهندسة المدنية  
الاسم: .....  
الرقم: .....

2/2

الصفحة الثانية: من اضعك الامتحان صليحتان

مركز كفاءات  
جامعة القاهرة  
الكلية الهندسية  
الهندسة المدنية  
الاسم: .....  
الرقم: .....

(65 Marks)

Engineering Drawing

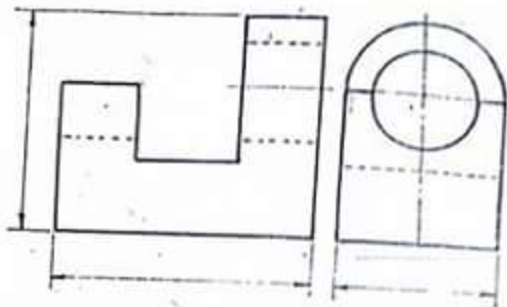
**IMPORTANT:** All engineering drawing instructions should be considered, Lines, Dimensions, finishing, etc.

1/2

1. Given two projections of a model, draw to scale 1 : 1 an isometric view for this model.

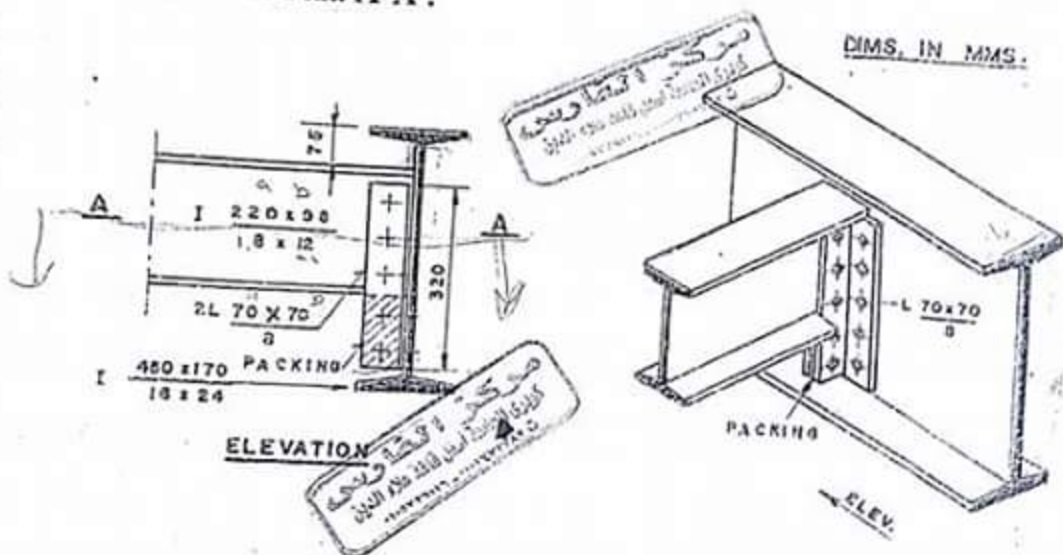
(15 Marks)

scale 1 : 1



2. Given Front Elevation and Isometric view of a steel connection. Draw to scale 1:5 the followings:-
- Front Elevation.
  - Sectional Plan A-A.

DIMS. IN MMS.

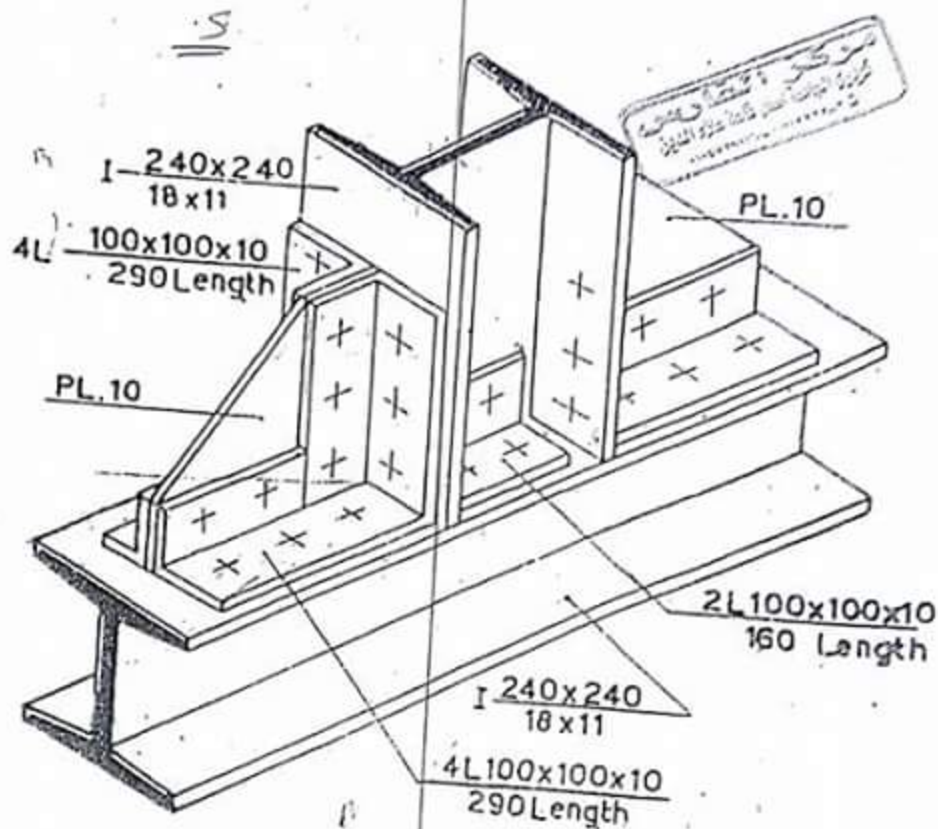


(20 Marks)

3. Given Isometric view of a steel connection.  
Draw to scale 1:5 the followings:-

- Front Elevation

- Front Elevation.
- Plan.
- Side View.



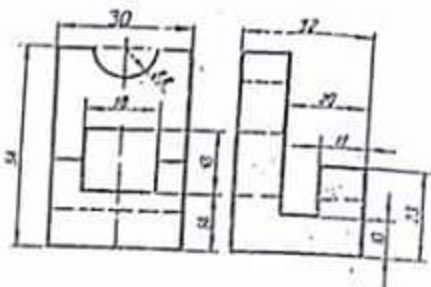
## STEEL CONNECTIONS



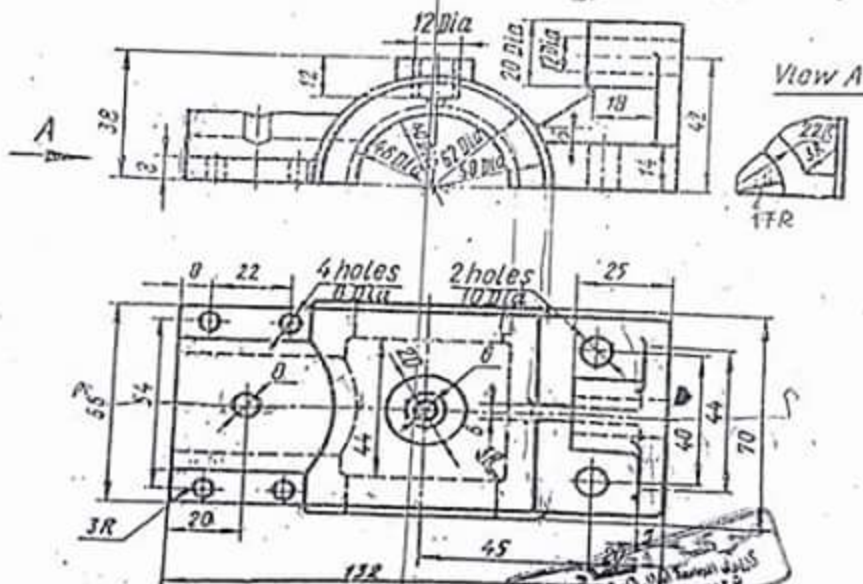
Engineering Drawing

**IMPORTANT:** All engineering drawing instructions should be considered, Lines, Dimensions, finishing, etc.

1. Given two projections of a model, draw to scale 1 : 1 an isometric view for this model.



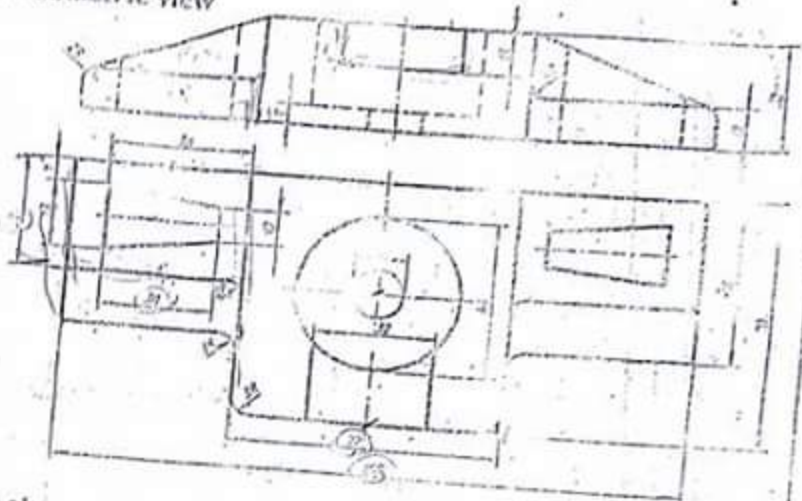
2. For the machine part shown, draw to scale 1:1 the followings: -
- Sectional Front Elevation.
  - Complete Plan.
  - Side View in direction A .



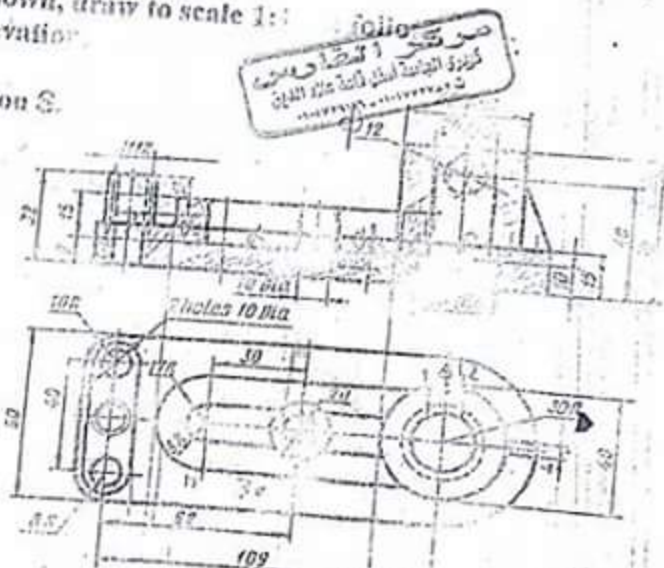
**IMPORTANT:** All engineering drawing instructions should be considered,  
Lines, Dimensions, finishing, etc.

Attempt all questions and assume any missing dimensions:

1. Given two projections of a model,  
draw to scale 1:1 an isometric view  
for this model.



2. For the machine part shown, draw to scale 1:1  
 a) Sectional Elevation  
 b) Plan View  
 c) Side View in direction S.



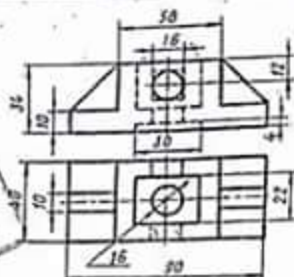
Clamp



**IMPORTANT:** All engineering drawing instructions should be considered, Lines, Dimensions, finishing, etc.

1. Given two projections of a model, draw to scale 1 : 1 an isometric view for this model.

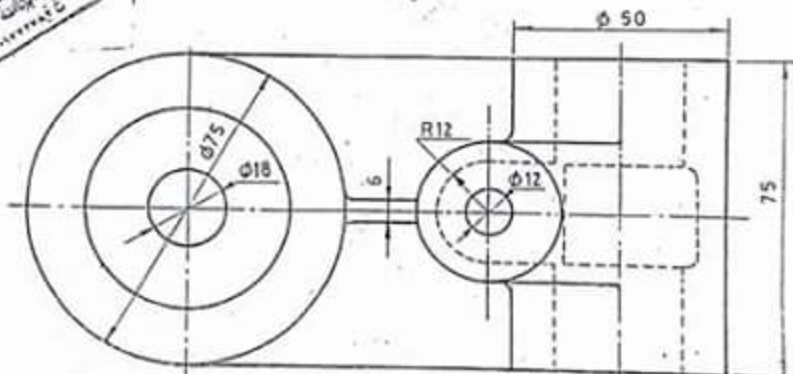
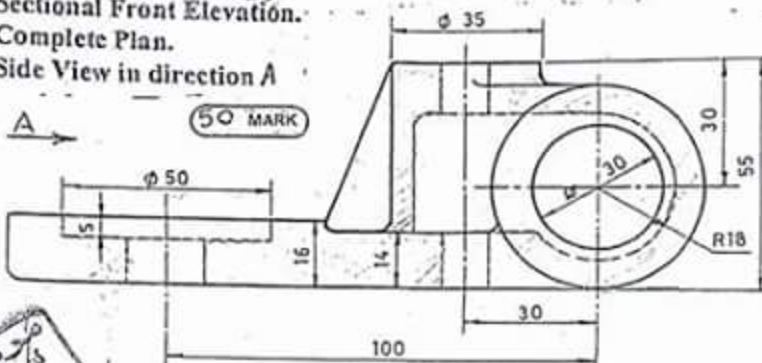
20 MARK



2. For the machine part shown, draw to scale 1:1 the followings:-

- Sectional Front Elevation.
- Complete Plan.
- Side View in direction A

50 MARK



1/2

المساحة الأولى : من لشكك الإمتحان مسكتان



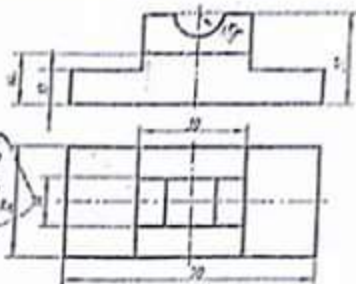




**IMPORTANT:** All engineering drawing instructions should be considered, Lines, Dimensions, finishing, etc.

1. Given two projections of a model, draw to scale 1 : 1 an isometric view for this model.

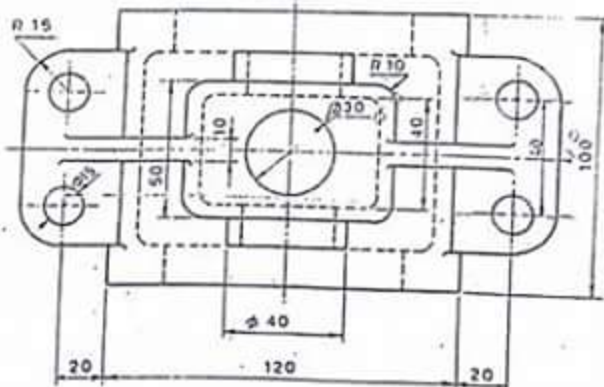
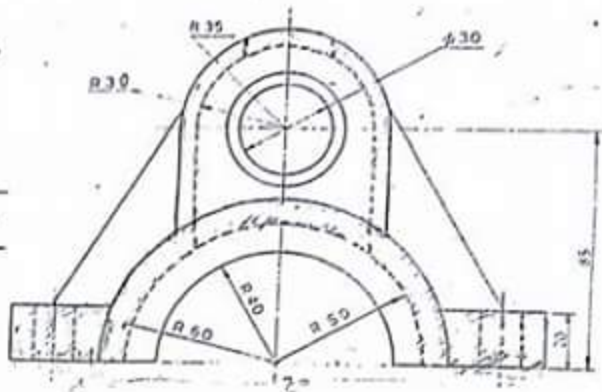
**20 MARK**



2. For the machine part shown, draw to scale 1:1 the followings: -


- Sectional Front Elevation.
- Complete Plan.
- Side View in direction S.

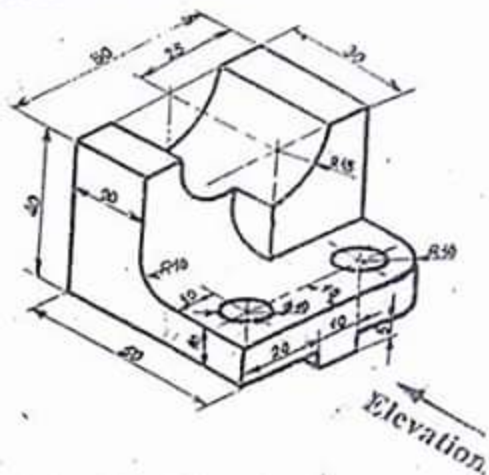
50 MARK



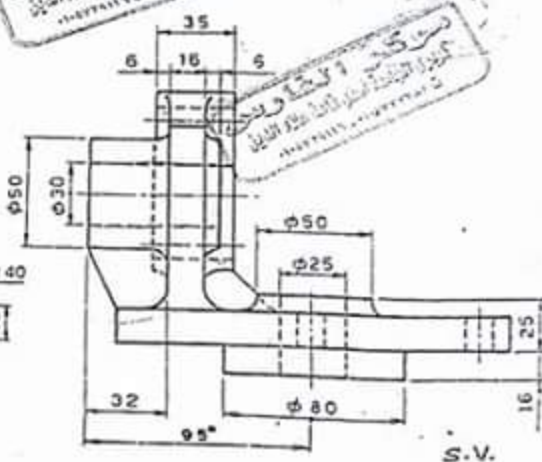
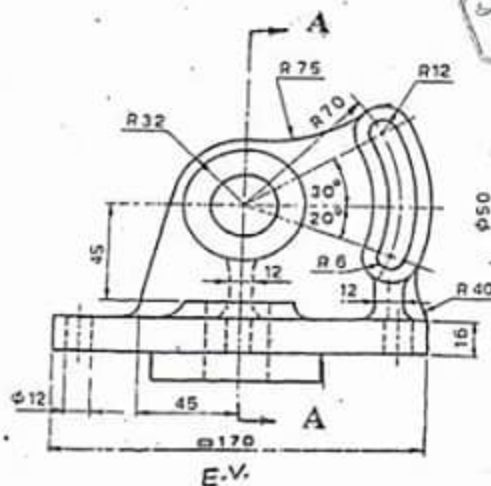


**IMPORTANT:** All engineering drawing instructions should be considered, Lines, Dimensions, finishing, etc.

1. For the isometric shown in figure , draw to scale 1:1 the followings;  
 1-Front view (Elevation).  
 2-Side view.  
 3-Plan.  
 -Draw all invisible lines.  
 -Put dimensions.
- 



2. For the machine part shown, draw to scale 1:1 the followings:
- Front Elevation.
  - Complete Plan.
  - Sectional Side View A-A.



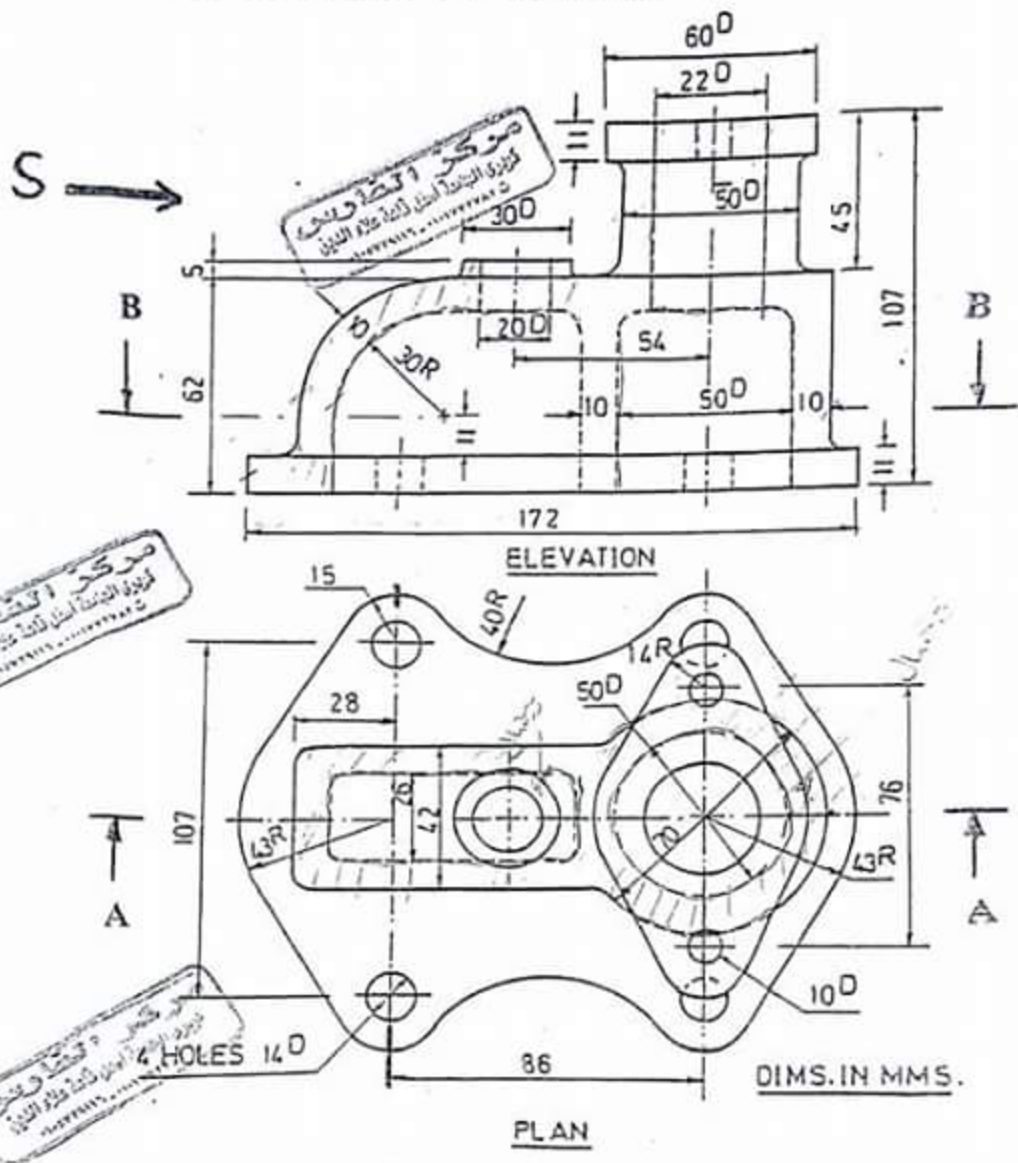


3- For the machine part shown, draw with complete finishing and scale 1:1

1- The Sectional Front Elevation at A-A.

2- The Side view at S.

3- The Sectional Plan at B-B. (50 marks)



Note: All engineering drawing instructions should be considered. lines, dimensions, finishing, etc.

# Final

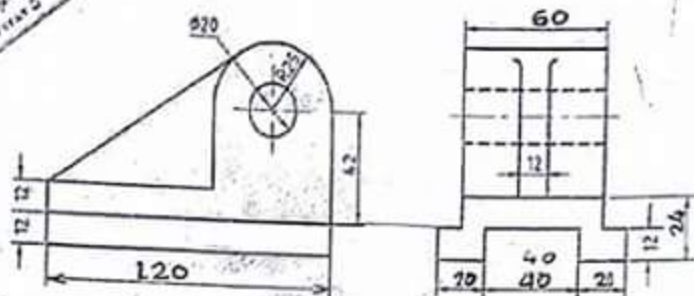
Course Name: Engineering Drawing  
Course Code: MDP001  
Level: Prep. Year  
Department: Mech. Design & Prod.  
Term No: 2



Faculty of Engineering

Final Exam  
Date: 6-2012  
Time: 2:40 Hours  
No. of pages: 2  
No. of Questions: 3

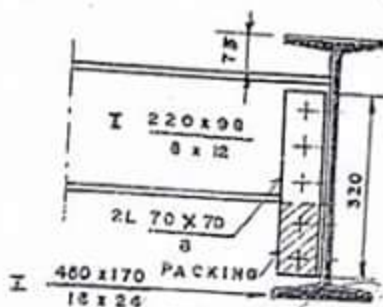
- 1- Given two projections of a model, draw to scale 1:1 an isometric view for this model. (25 marks)



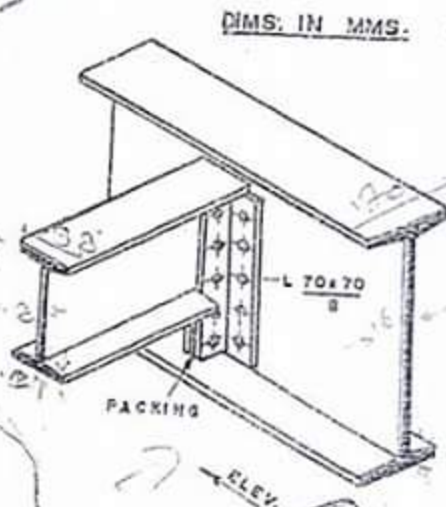
- 2- Given Front Elevation and Isometric view of a steel connection. Draw to scale 1:5 :

- 1- Front Elevation.  
2- Side View.  
3- Plane.

(25 marks)



ELEVATION





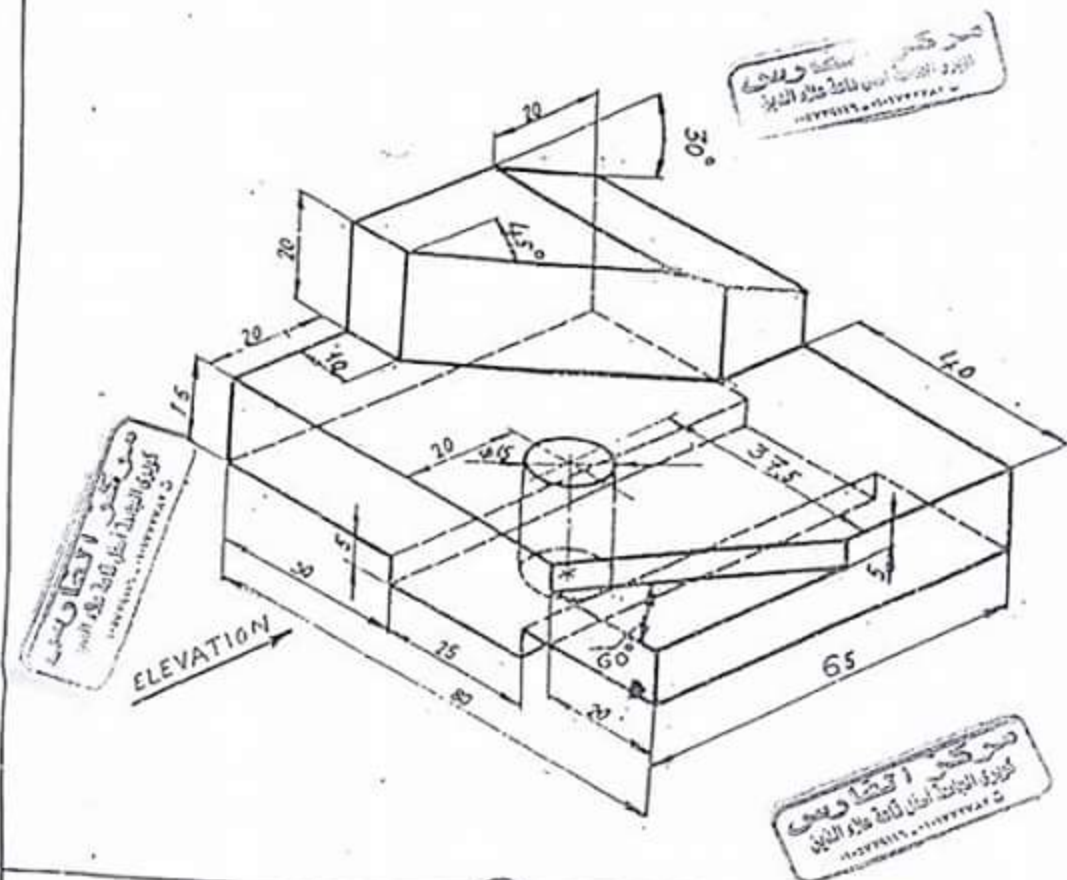


امتحان اعمال الفصل - رسم هندسي - لطلبة اعدادي - هندسة الزخرف  
STUDENT MAY ASSUME ANY MISSING DIMENSIONS

Problem

For the isometric shown in figure , draw to scale 1:1 the followings;  
1-Front view (Elevation).  
2-Side view.  
3-Plan.

- Draw all invisible lines.
- Put dimensions.



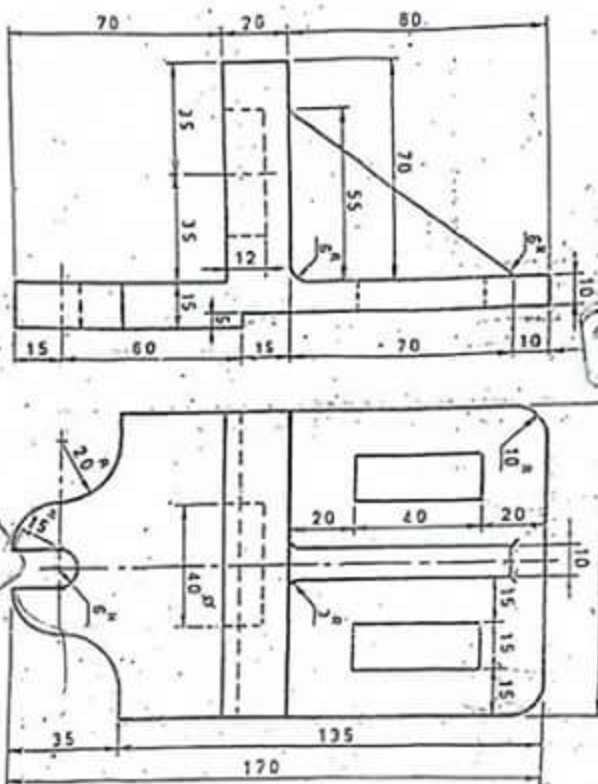
Course Name: Engineering Drawing  
 Course Code:  
 Level: Prep Year  
 Department: Mech. Design & Prod.  
 Term No: 2



Faculty of Engineering

Mid-term Exam  
 Date: 11-4-2019  
 Time: 1 Hour  
 No. of pages: 1  
 No. of Questions: 1

1. Given two projections of a model [Front and plane], draw to scale 1:1 an isometric view for the model.



مركز كرسى و تمهيد و رسم  
 كرسى الجامعة ابيد الله بن عبد الله  
 بن ماجة

مركز كرسى و تمهيد و رسم  
 كرسى الجامعة ابيد الله بن عبد الله  
 بن ماجة

Prof. Dr. Emil Halim Gad

Best Wishes

مركز كرسى و تمهيد و رسم  
 كرسى الجامعة ابيد الله بن عبد الله  
 بن ماجة

2

1-2

STUDENT MAY ASSUME ANY MISSING DIMENSIONS

Problem

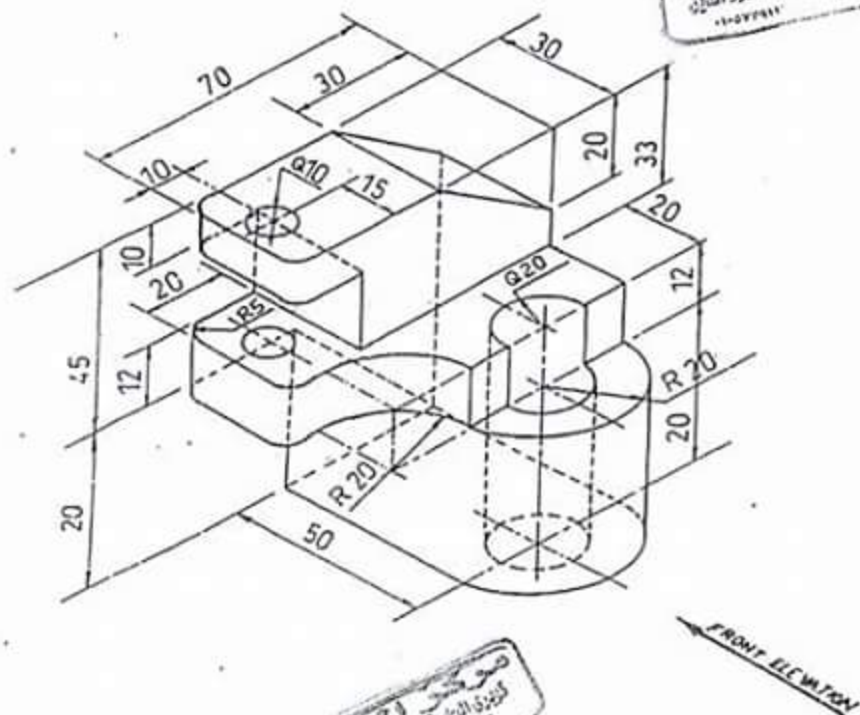
For the isometric shown in figure , draw to scale 1:1 the followings;

1-Front view (Elevation)

2-Side view

3-Plan

- Draw all invisible lines
- Put dimensions



Prof. Dr. Emil Halim Gad

Best Wishes





# mid term

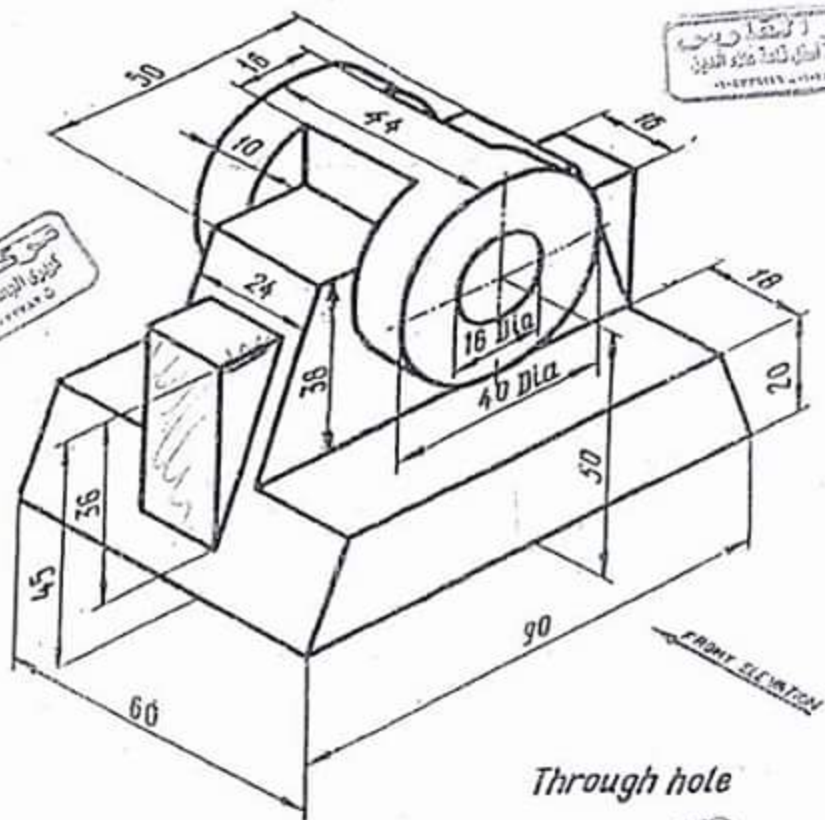
Course Name: Engineering Drawing  
Course Code: MDP001  
Level: Prep. Year  
Department: Mech. Design & Prod.

  
Faculty of Engineering

Mid Term Exam  
Date: 4 - 2013  
Time: 45 minutes  
Term No: 2

Draw with complete finishing: scale 1:1

- 1- The Front view
- 2- The Side view
- 3- The Plan



Through hole

# mid term

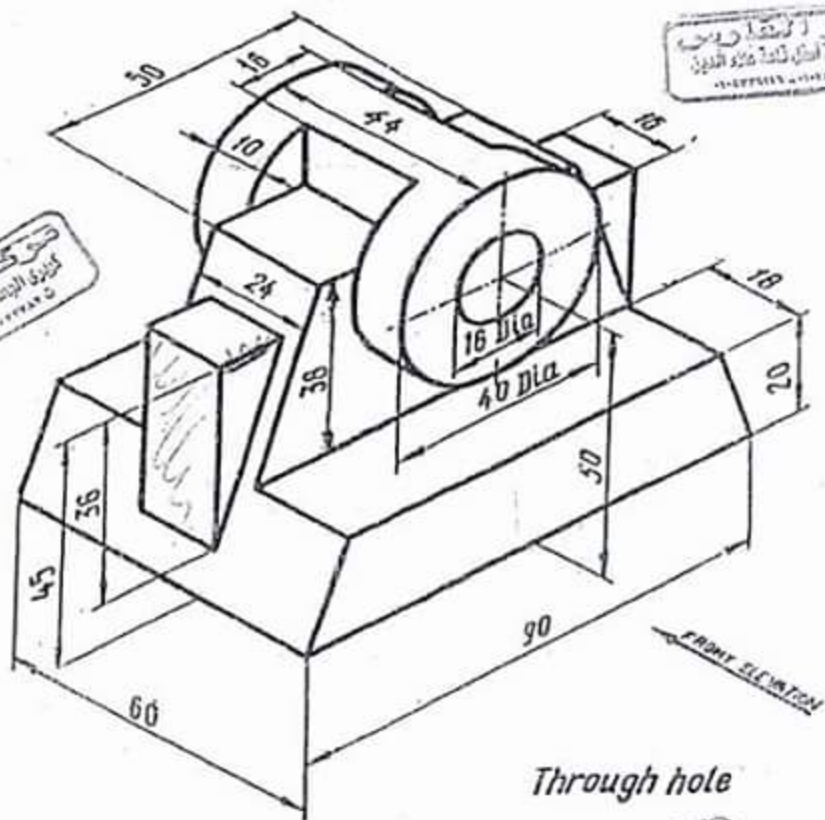
Course Name: Engineering Drawing  
Course Code: MDP001  
Level: Prep. Year  
Department: Mech. Design & Prod.

  
Faculty of Engineering

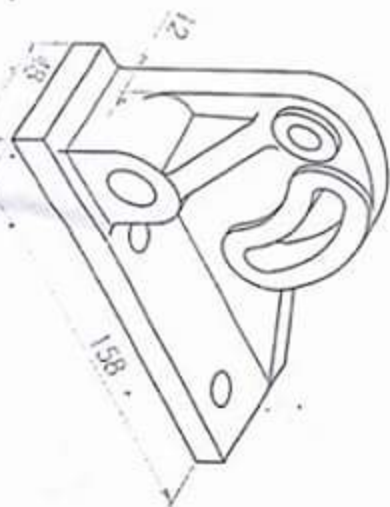
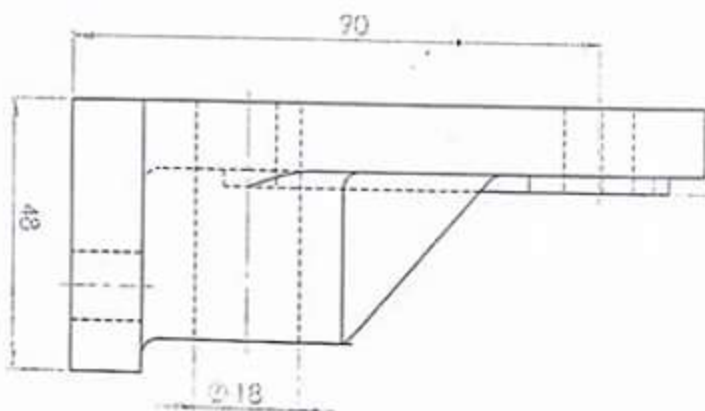
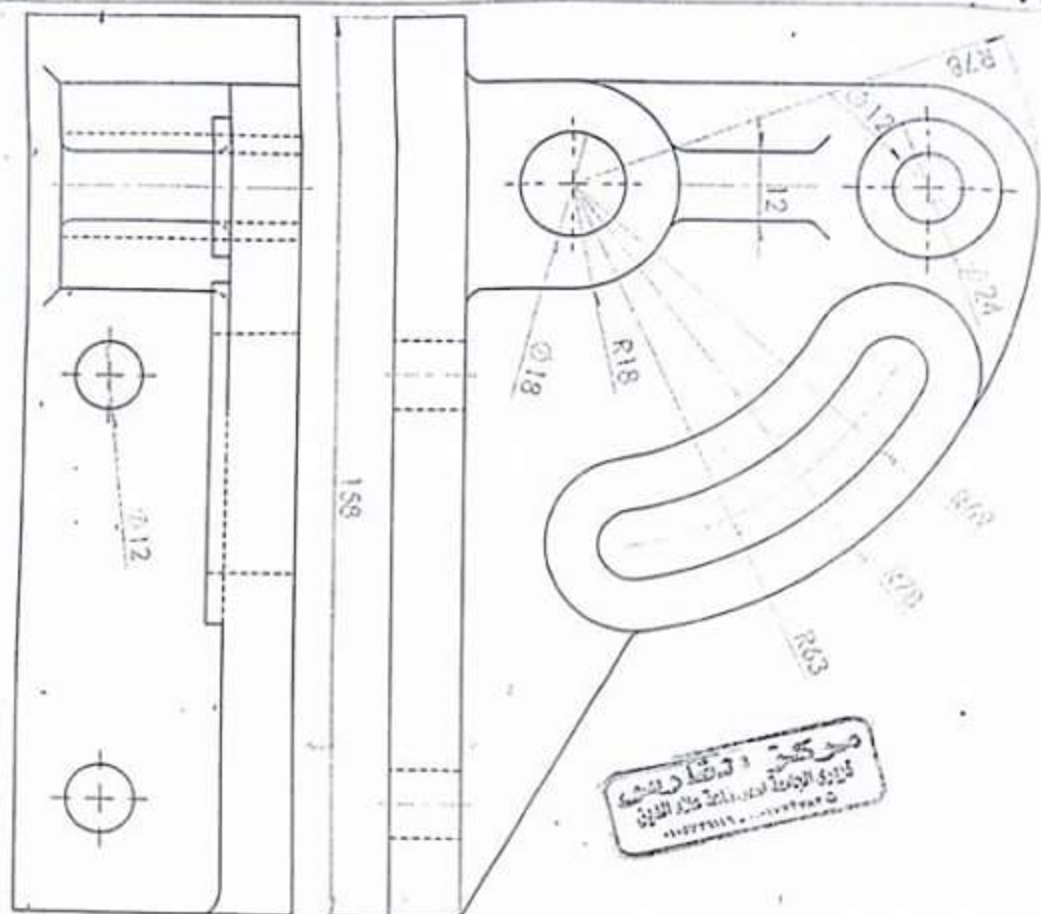
Mid Term Exam  
Date: 4 - 2013  
Time: 45 minutes  
Term No: 2

Draw with complete finishing: scale 1:1

- 1- The Front view
- 2- The Side view
- 3- The Plan



Through hole

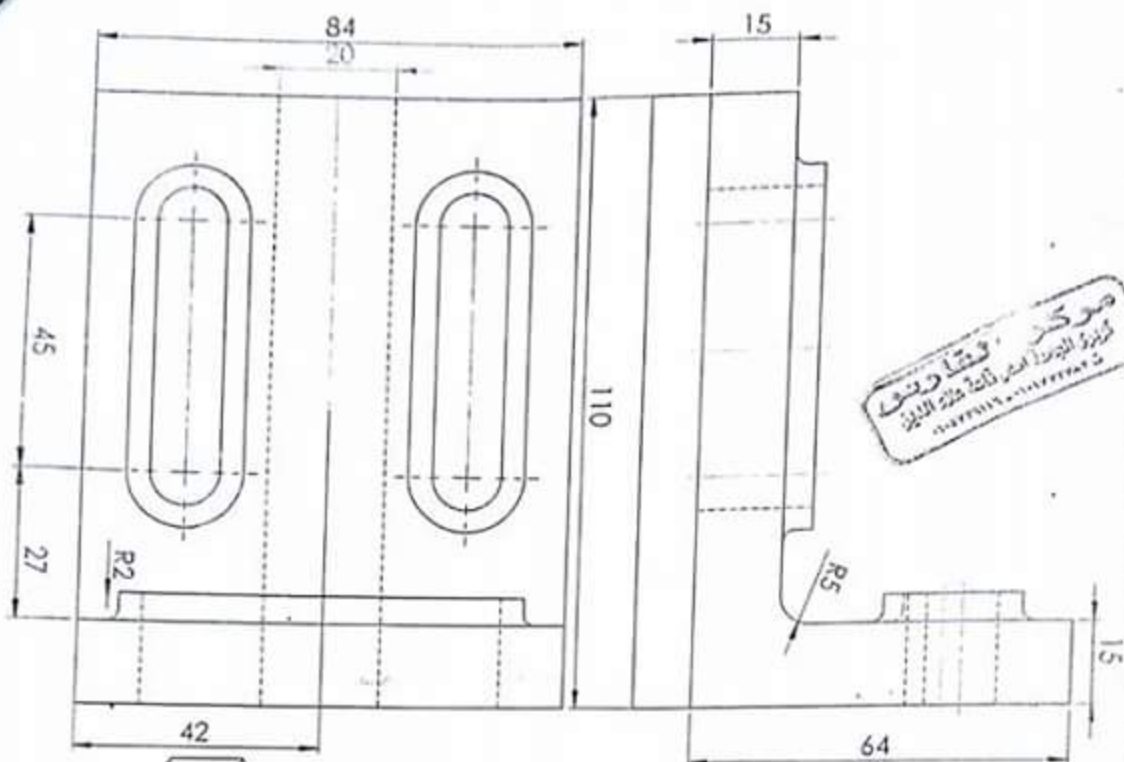


مركبة و مقادير  
مركز البحوث والدراسات  
الجامعة الإسلامية  
الرياض

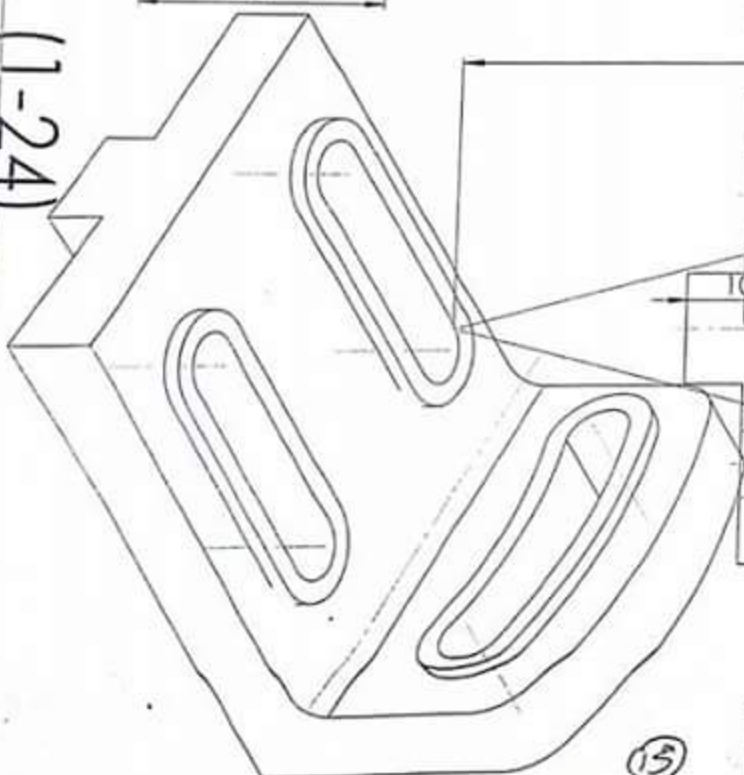
158

70



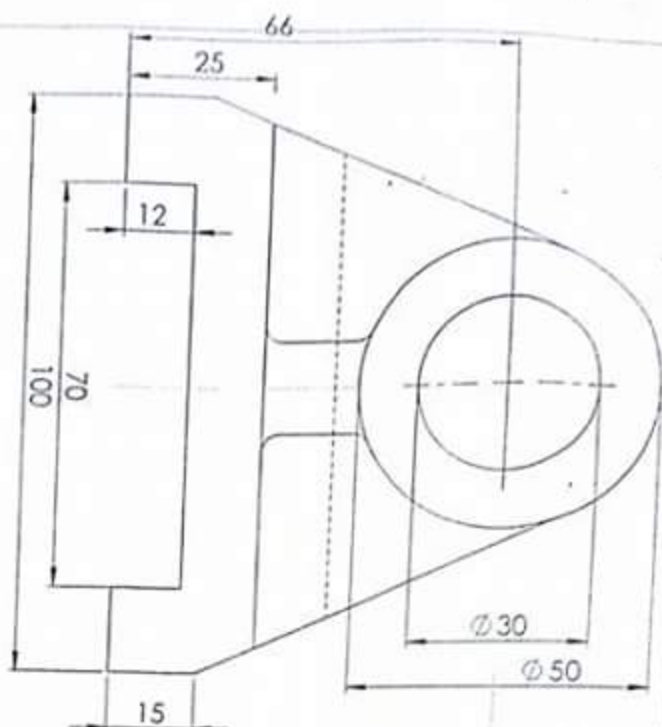


(1-24)

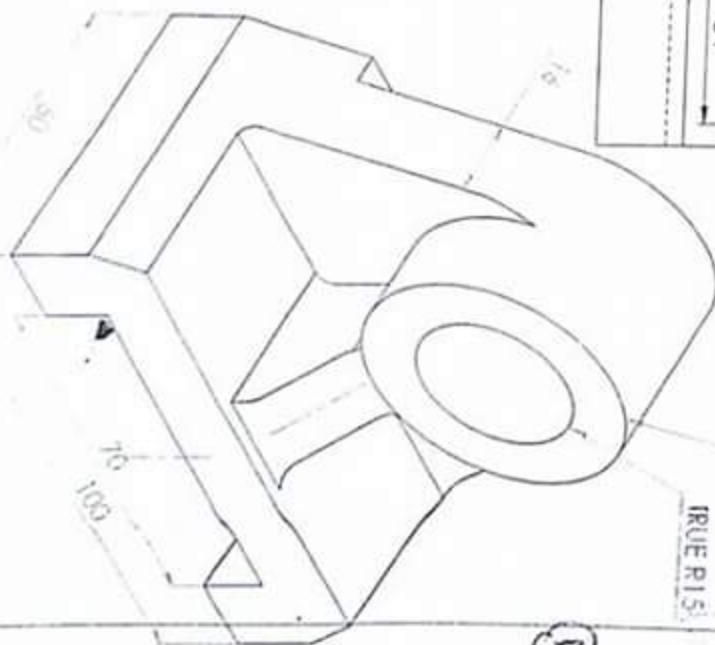
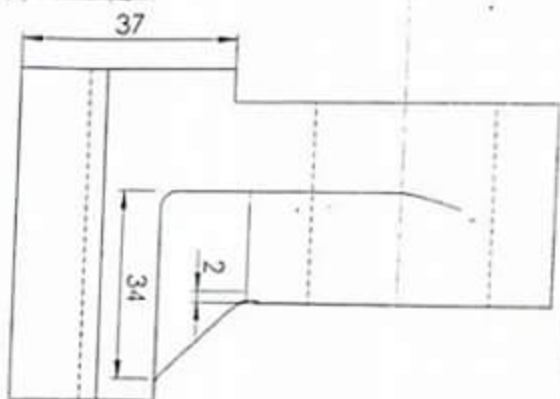


(15)





مركز التقانة  
كلية الهندسة  
جامعة القاهرة  
القاهرة - مصر



مركز التقانة  
كلية الهندسة  
جامعة القاهرة  
القاهرة - مصر

TRUE R15

TRUE R25

(73)